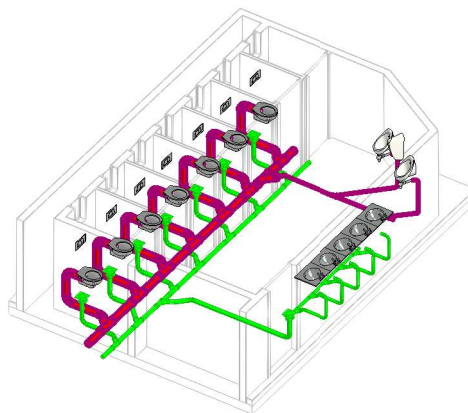
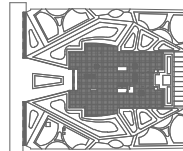


1 BATHROOM DRAIN SYSTEM  
1 : 40



2 3D BATHROOM

## Key Plan



## Notes:

- 1.DO NOT SCALE FROM THIS DRAWING
- 2.ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE INDICATED

## Legends:

	FLOOR DRAIN		ANGEL VALVE
	ELECTRIC HEATER		GATE VALVE

## Project:

SMART OFFICE

## Owner:

[https://linktr.ee/Eno\\_X](https://linktr.ee/Eno_X)  
ENO.X ENGINEERING TRAINING

## Date:

17/2/2024

## Designer:

M.SALAH

## Checked by:

H.ELMOKABBATY

## DRAWING:

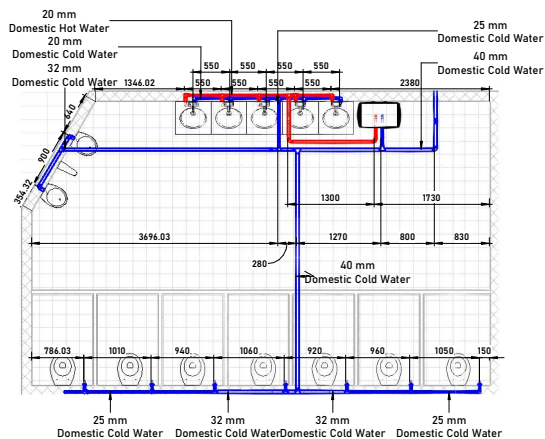
DRAIN SYSTEM

## DISIPLINE:

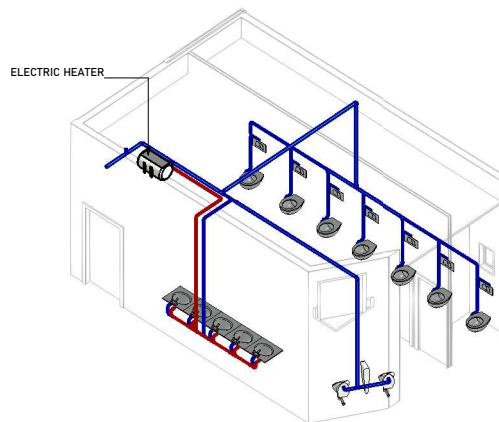
PLUMBING

## Scale:

AS DETECTED

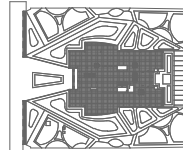


1 BATHROOM DOMESTIC SYSTEM  
1 : 40



2 3D DOMESTIC SYSTEM

## Key Plan



## Notes:

- 1.DO NOT SCALE FROM THIS DRAWING
- 2.ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE INDICATED

## Legends:

	FLOOR DRAIN		ANGEL VALVE
	ELECTRIC HEATER		GATE VALVE

## Project:

SMART OFFICE

## Owner:

[https://linktr.ee/Ena\\_X](https://linktr.ee/Ena_X)  
ENG.X ENGINEERING TRAINING

Date: 17/2/2024

Designer: M.SALAH

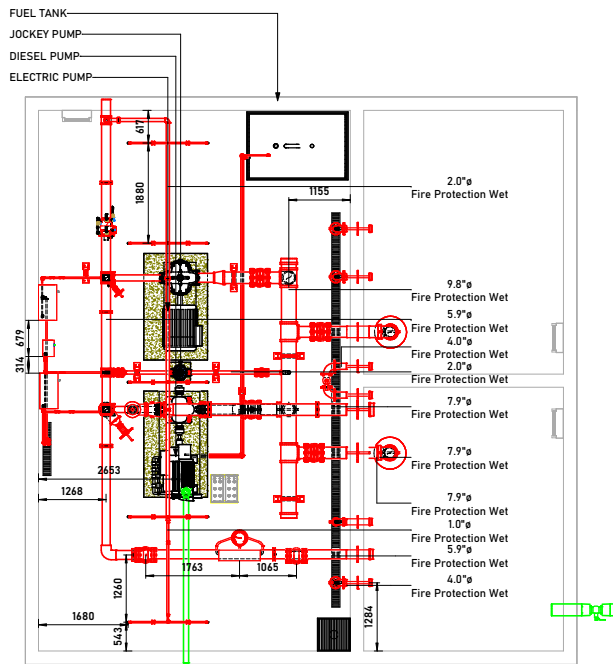
Checked by: H.ELMOKABBATY

DRAWING:  
DOMESTIC SUPPLY SYSTEM

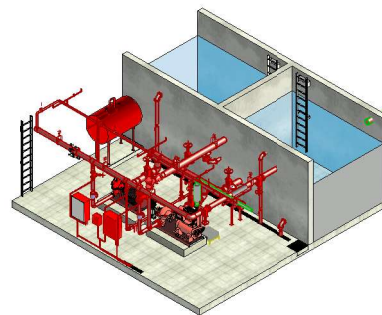
DISIPLINE: PLUMBING

Scale: AS DETECTED

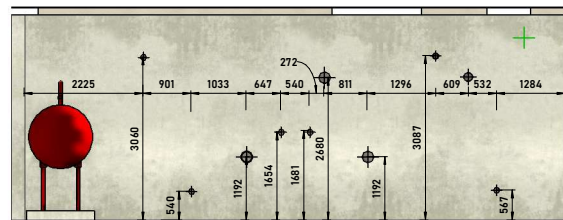




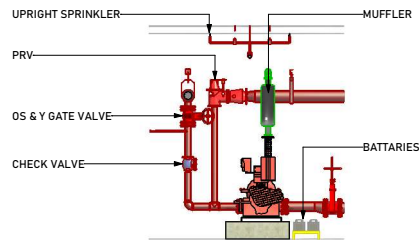
**1** FIREFIGHTING PUMP ROOM  
1: 50



**4** 3D PUMP ROOM

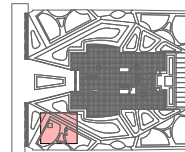


**3** TANK PIPES  
1: 50



**2** DIESEL PUMP HOOKUP  
1: 50

## Key Plan



## Notes:

1.DO NOT SCALE FROM THIS DRAWING  
2.ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE INDICATED

## Legends:

○ UPRIGHT SPRINKLES	⚙️ BASE HANGER
○ PENDENT SPRINKLES	⚙️ CHECK VALVE
▽ SIDEWALL SPRINKLES	⚙️ PRESSURE GAUGE
⚙️ DIESEL PUMP	⚙️ SUBMERSIBLE PUMP
⚙️ ELECTRIC PUMP	⚙️ DIESEL TANK
⚙️ JOCKEY PUMP	⚙️ FLOW METER
□ CONCRETE FOUNDATION	⚙️ FLOW SWITCH
⚙️ CONTROL PANEL	⚙️ ALARM CHECK VALVE
⚙️ BATTERIES	⚙️ BALL VALVE
⚙️ OS & Y VALVE	⚙️ MUFFLER

## Project:

**SMART OFFICE**

## Owner:

[https://linktr.ee/Eno\\_X](https://linktr.ee/Eno_X)  
ENO.X ENGINEERING TRAINING

## Date:

17/2/2024

## Designer:

M.SALAH

## Checked by:

H.ELMOKABBATY

## DRAWING:

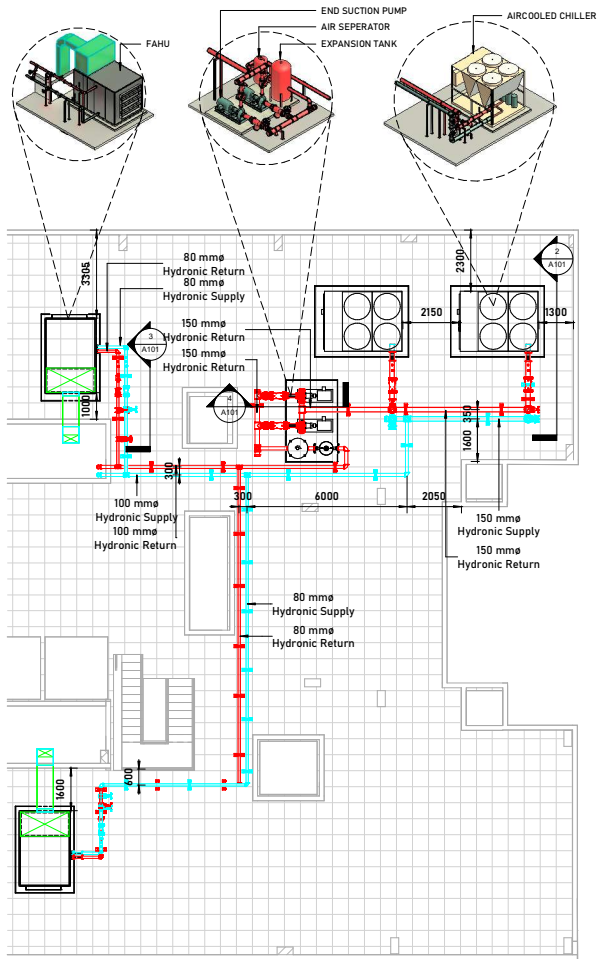
FIREFIGHTING PUMP ROOM

## DISCIPLINE:

FIREFIGHTING

## Scale:

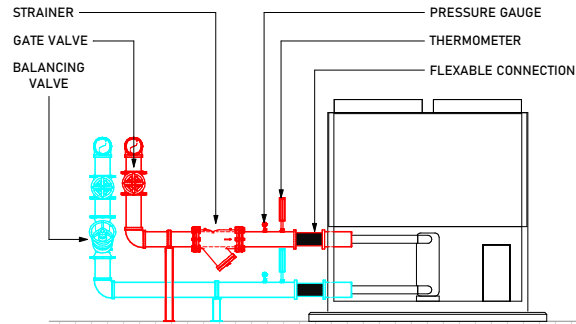
AS DETECTED



1

## ROOF CHILLER PLANT

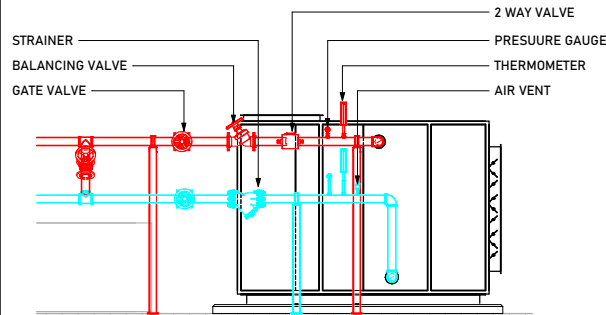
1:100



2

## CHILLER HOOKUPS SECTION

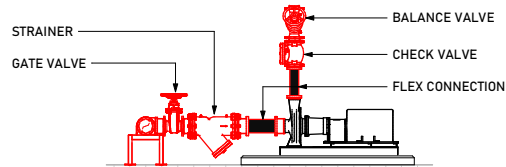
1:30



3

## AHU HOOKUPS SECTION

1:30

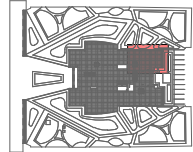


4

## PUMPS HOOKUPS SECTION

1:30

## Key Plan



## Notes:

1.DO NOT SCALE FROM THIS DRAWING  
2.ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE INDICATED

## Legends:

SYMB	DISCRPTION	SYMB	DISCRPTION
	CONCRETE FOUNDATION		FLOOR HANGER
	CHILLER		SQUARE DIFFUSER
	FAN COIL UNIT		VOLUME DAMPER
	EXPANSION TANK		BALL VALVE
	END SUCTION PUMP		2 WAY VALVE
	FAHU		GATE VALVE
	STRAINER		SIDE WALL GRILL
	CHECK VALVE		SUPPLY AIR DUCT
	THERMOMETER		RETURN AIR DUCT
	AIR VENT		EXHAUST AIR DUCT
	BALANCING VALVE		FRESH AIR DUCT
	AIR SEPARATOR		

## Project:

SMART OFFICE

## Owner:

[https://linktr.ee/Ena\\_X](https://linktr.ee/Ena_X)  
ENG.X ENGINEERING TRAINING

Date: 17/2/2024

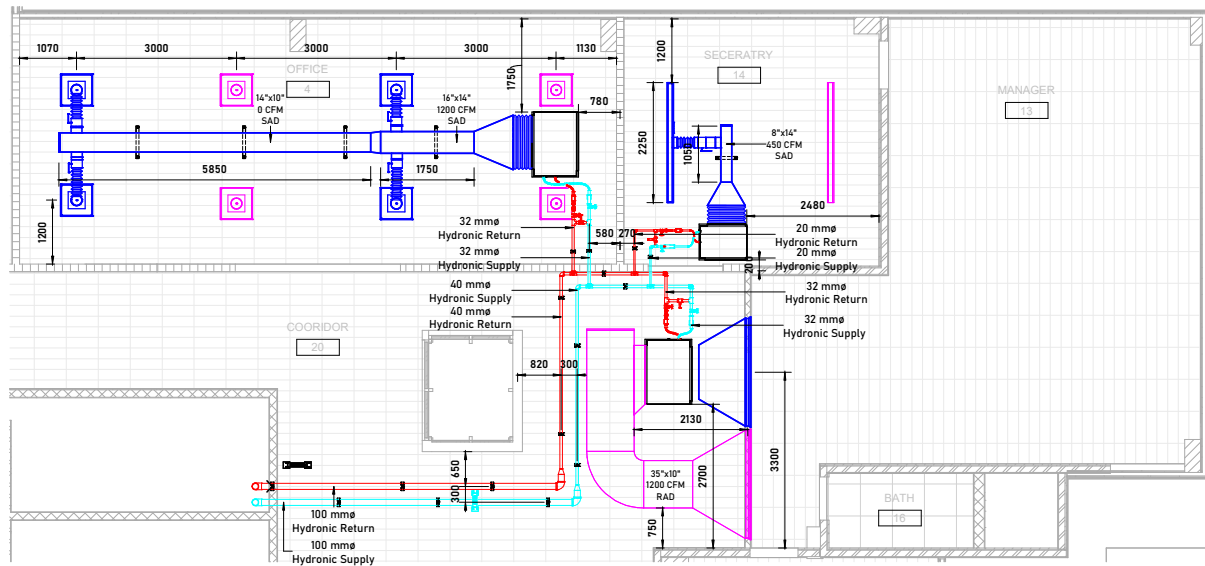
Designer: M.SALAH

Checked by: H.ELMOKABBATY

DRAWING: ROOF FLOOR HVAC WORKS

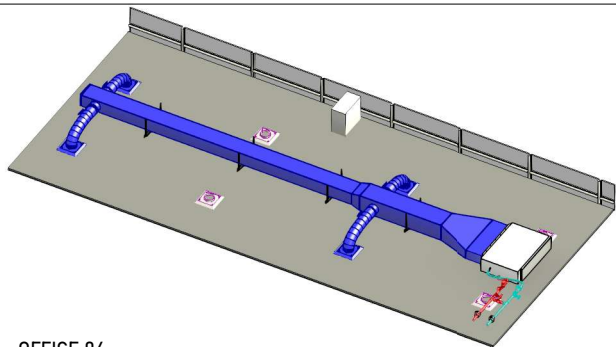
DISIPLINE: MECHANICAL -HVAC

Scale: AS DETECTED

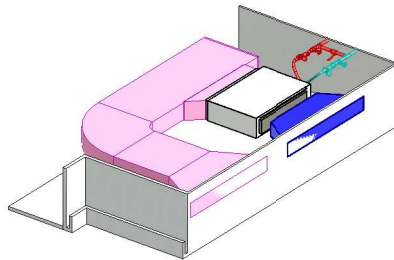


## GROUND FLOOR HVAC WORKS

1 : 50

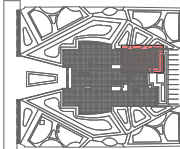


## OFFICE 04



## 3D MANAGER HVAC WORK

## Key Plan



## Notes:

1.DO NOT SCALE FROM THIS DRAWING  
2.ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE INDICATED

## Legends:

SYMB	DISCRPTION	SYMB	DISCRPTION
	CONCRETE FOUNDATION		FLOOR HANGER
	CHILLER		SQUARE DIFFUSER
	FAN COIL UNIT		VOLUME DAMPER
	EXPANSION TANK		BALL VALVE
	END SUCTION PUMP		2 WAY VALVE
	FAHU		GATE VALVE
	STRAINER		SIDE WALL GRILL
	CHECK VALVE		SUPPLY AIR DUCT
	THERMOMETER		RETURN AIR DUCT
	AIR VENT		EXHAUST AIR DUCT
	BALANCING VALVE		FRESH AIR DUCT
	AIR SEPARATOR		

## Project:

SMART OFFICE

## Owner:

[https://linktr.ee/Ena\\_X](https://linktr.ee/Ena_X)  
ENG.X ENGINEERING TRAINING

## Date:

17/2/2024

## Designer:

M.SALAH

## Checked by:

H.ELMOKABBATY

## DRAWING:

GROUND FLOOR HVAC WORKS

## DISIPLINE:

MECHANICAL-HVAC

## Scale:

AS DETECTED